FLAVEL

# Melody

## COAL EFFECT GAS FIRE

### User Instructions

### Hand these instructions to the user

**Model No's FDRN**G are for use on Natural Gas (G20) at a supply pressure of 20 mbar in G.B. / I.E.**

**Model No's FDRP**G are for use on Propane Gas (G31) at a supply pressure of 37 mbar in G.B. / I.E.**

**** denotes trim / fret variant**

## INSTALLATION INFORMATION

### CONDITIONS OF INSTALLATION

It is the law that all gas appliances are installed only by a competent (e.g. CORGI Registered) Installer, in accordance with the installation instructions and the Gas Safety (Installation and Use) Regulations 1998. Failure to install appliances correctly could lead to prosecution. It is in your own interest and that of safety to comply with the law.

The fire may be fitted below a combustible shelf provided that the shelf is at least 200mm above the top of the appliance and the depth of the shelf does not exceed 150mm.

The fire may be installed below combustible shelves which exceed 150mm deep providing that the clearance above the fire is increased by 15mm for each 25mm of additional overhang in excess of 150mm.

**No purpose made additional ventilation is normally required for this appliance when installed in G.B. When installed I.E. please consult document I.S. 813 : 1996 Domestic Gas Installation which is issued by the National Standards Authority of Ireland. Any purpose made ventilation should be checked periodically to ensure that it is free from obstruction.**

If the chimney or flue has been previously used by appliances burning fuels other than gas they must be swept prior to the installation of this fire.

If this appliance is fitted directly on to a wall without the use of a fireplace or surround, soft wall coverings such as wallpaper, blown vinyl etc. could be affected by the heat and hot convection air and may discolour or scorch. This should be considered when installing or decorating.

The Model number of this appliance is as stated on the rating plate affixed to the base panel of the fire and the appliance is manufactured by:-

CFM Europe Ltd
Trentham Lakes
Stoke on Trent
ST4 4TJ

## ABOUT YOUR NEW FLAVEL MELODY

The Flavel inset coal effect gas fire incorporates a unique and highly developed fuel bed which gives the realism of a loose coal layout combined with realistic flames and glow. The use of durable ceramic material in the construction of the fuelbed components ensures long and trouble free operation.

When first using the new fire a slight smell may be noticed. This is due to starch used in the manufacture of the soft ceramic coals, it is non-toxic and will soon disappear.

Please take the time to fully read these instructions as you will then be able to obtain the most effective and safe operation of your fire.

## IMPORTANT SAFETY INFORMATION

**WARNING**
**This appliance has a naked flame and as with all heating appliances a fireguard should be used for the protection of children, the elderly and infirm. Fireguards should conform to B.S. 8423 : 2002 should be fitted. (Fireguards for use with gas heating appliances).**

It is important that this appliance is serviced at least once a year by a CORGI registered gas installer and that during the service the fire is removed from the fire opening and the chimney or flue visually checked for fallen debris or blockages which must be removed. The chimney should also be checked to ensure clearance of flue products. We recommend that during the annual service, replacement of the Oxypilot is carried out. **These are conditions of the manufacturers guarantee.**

**After installation or during servicing a spillage test must always be carried out.**

Rubbish of any type must NEVER be thrown onto the fuel bed, this could affect safe operation and damage the fire.

Any debris or deposits should be removed from the fuel bed from time to time. This may be carried out by referring to the cleaning section as described later in this book.

Only the correct number and type of coals must be used and only complete and genuine replacement sets must be used.

Always keep furniture and combustible materials well clear of the fire and never dry clothing or items either on or near to the fire. Never use aerosols or flammable cleaning products near to the fire when it is in use.

**The hard ceramic fuel bed remains hot for a considerable period after use and sufficient time should be allowed for the fire to cool before cleaning etc.**

The fire must only be operated with the fender which was supplied with the product.

## OPERATING THE FIRE

The controls comprise a control lever, to turn the fire on and off and adjust the gas rate. The control lever is located at the top right hand side of the fire. Depressing the control lever fully operates the igniter and lights the pilot flame and ignition rate gas. Once the pilot is established raising the lever allows medium and finally high gas settings. The fire is turned off when the control lever is fully raised.
To light the fire proceed as follows:-

1) Depress the control lever fully downwards to the position marked “Z”. Hold down the control lever for a few seconds to allow the gas to reach the pilot.

2) The fire will then begin its ignition sequence. If the pilot does not light, continue to press the control lever until ignition occurs. The pilot flame can be seen by looking underneath the front ceramic rail, above the burner heat shield, at the front left hand side of the fuel. When the pilot has lit, continue to hold the control lever down for 5-10 seconds to allow the thermocouple to heat up, before releasing the lever apply one firm downwards push to ensure that the f.s.d. valve is fully latched, if the pilot goes out when the control lever is released, repeat the lighting sequence.

In the unlikely event of a failure of the igniter, firstly check the operation of the 1.5V battery and if necessary replace with a ‘AA’ size alkaline battery. **It is important that only an alkaline battery is used, otherwise premature battery failure and leakage may result**. If the appliance still fails to light the fire can be lit as follows:

Depress the control lever fully downwards to the position marked “Z”. Hold in position for a few seconds to allow the gas to reach the pilot. Insert the tip of a lit taper or spill between the centre of the front ceramic above the pilot head. This will light the pilot flame and low rate gas. When the pilot has lit, continue to depress the control lever in for 5-10 seconds to allow the thermocouple to heat up before releasing the control lever apply one firm downwards push to ensure that the f.s.d. valve is fully latched.

3) After lighting, move control lever up to the high position and the main burner will light. It is recommended that for the most efficient performance the fire is allowed to warm up for a few minutes with the control lever set to high.

4) The gas control can be moved from the High to Low position to give the desired heat output.

5) To turn the fire off, FULLY raise the control lever to the OFF position.

**WARNING**
**If the fire goes out for any reason or is turned off and it is necessary to relight the fire it is important to allow the fire to cool for 3 minutes before attempting to re-light it.**

**SPILLAGE MONITORING SYSTEM**

This appliance is fitted with a spillage monitoring system which shuts down the fire if the evacuation of combustion products from the fire is affected by a partially or fully blocked flue. If this system operates the fire will go out. If this occurs, leave the fire for at least three minutes then follow the lighting procedure as described in the previous section. **In the event of repeated operation a CORGI registered gas installer must be called to investigate and rectify the cause.**

**CLEANING - WARNING**

Before attempting any cleaning operation ensure that the fire has been allowed to fully cool.

CLEANING THE BRASS AND PAINTED METAL PARTS

Dependent upon the trim option chosen for use with this fire, there is a variety of methods that can be chosen to clean the trim. The trim should only be cleaned using a clean, damp cloth. The trim is best cleaned by removing it from the fire and placing it face up on a flat surface, then wiping with a clean damp cloth. The trim is easily replaced by
repositioning it on the fire and pushing it back onto the magnets.
The fender supplied with this fire is laquered to protect the finish and therefore must only be cleaned using a clean damp cloth. **Abrasive cleaners, chemical cleaning agents or any type of polish must never be used as damage to the finish may result.**

## CLEANING THE FUEL BED

We do not recommend cleaning of coals or fuelbed components as these are fragile and damage may result. **None of these parts must be washed or exposed to any cleaning agents or water**.
Any damaged parts must be replaced by contacting your dealer or telephoning CFM Europe Ltd. on the number stated on the rear cover of this book. Coals must only be replaced with a complete and genuine replacement set and the fire must never be run with the wrong number or damaged coals. The fuelbed must be carefully re-assembled as stated in the following section.

## ASSEMBLING THE CERAMICS AND FUEL BED

**NOTE : The position of the fuel-bed components are critical to the performance of the product. Therefore please ensure that the fuel-bed components are positioned as described in the following section prior to requesting a service call due to soot build up, poor flame pattern etc.**

a) Place the fuel-bed base centrally on to the fuelbed support and pull fully forwards to the burner. **Make sure that the fuelbed base is located centrally in the fire box**. **Ensure that the fuelbed base is not lodged on the burner. See fig. 1 below.**

**Fig. 1**

b) Place the left hand front coal rail moulding onto the front ceramic rail support as shown below in Fig. 2

**Fig. 2**

c) Place the right hand front coal rail moulding onto the front ceramic rail support as shown below in Fig. 3

**Fig. 3**

d) Fit four large coals behind the ceramic front rails as shown below in Fig. 4

**Fig. 4**

e) Select three of the small coals and fit onto the ribs of the fuel-bed base. See fig. 5 below

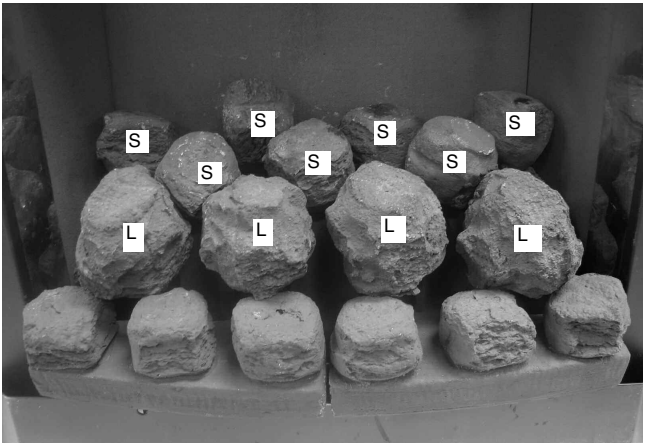
**Fig. 5**

f) Select the remaining four small coals and arrange along the rear of the fuelbed, directly behind the third row of coals. See fig. 6 below.

**Fig. 6**

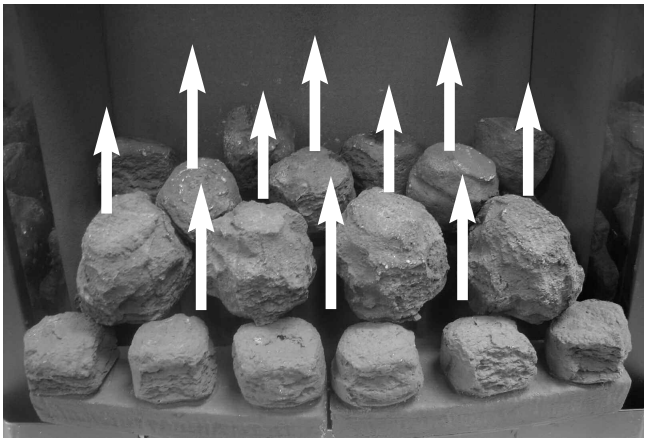
g) Ensure the coals sizes are correctly positioned as shown in Fig 7 below. “L” denotes “large” coals and “S” denotes small coals. If any coals are missing, please contact your retailer. **Do not proceed with the installation.**

**Fig. 7**




h) Ensure the flame paths are un-interrupted as shown below in Fig. 8. **If necessary**, **make minor adjustments to the coal positions** to ensure the flame paths indicated by the arrows are available.

**Fig. 8**



**Warning : Use only the coals supplied with the fire. When replacing the coals remove the old coals and discard them. Fit a complete set of coals of the correct type. Do not fit additional coals or any coals other than a genuine replacement set.**

**To ensure that the release of fibres from these R.C.F (Refractory Ceramic Fibre) articles is kept to a minimum, during installation and servicing we recommend that you use a HEPA filtered vacuum to remove any dust accumulated in and around the appliance before and after working on the appliance. When replacing these articles we recommend that the replaced items are not broken up, but are sealed within heavy duty polythene bags, clearly labelled as "RCF waste". RCF waste is classed as a "stable", non reactive hazardous waste and may be disposed of at a landfill licensed to accept such waste Protective clothing is not required when handling these articles, but we recommend you follow the normal hygiene rules of not smoking, eating or drinking in the work area, and always wash your hands before eating or drinking.**

**FITTING THE TRIM (ALL MODELS)**

a) Refitting the trim is achieved by locating the rear flange of the trim over the flange on the firebox mounting face, then replacing the screws at the L/H and R/H bottom of the trim.

**TO FIT THE FENDER (ALL MODELS)**

a) Attach L/H & R/H Brackets to fender with M6 pozi screws which locate onto the burner retaining brackets at each end of the burner assembly. See fig. 8, 9 & 10.

**Fig. 8**

**Fig. 9**

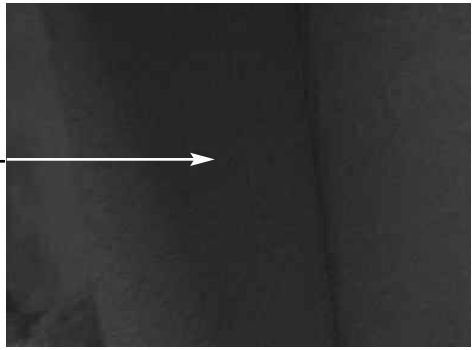
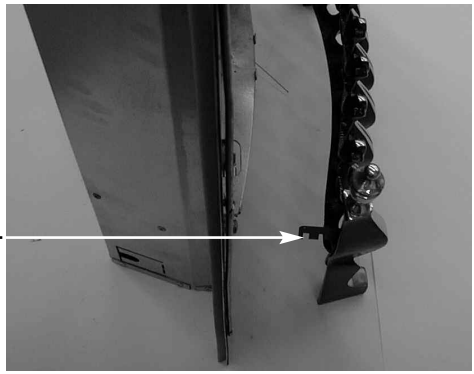



**Fig. 10**



## USER REPLACEABLE PARTS

The only user replaceable parts on this fire are the fuelbed components and coals which may be replaced as described in the above section. Replacement of any other parts must be carried out by a competent person such as a CORGI registered gas installer.
The part numbers of the user replaceable parts are as follows, these are available from your local Flavel stockist, who details may be found on the CFM Europe website, address shown on the back page.

| | |
|---|---|
| Fuelbed base | B-96400 |
| Fuelbed front rails (pair) | B-96410 |
| Replacement coal set | B-96420 |
| Complete ceramic set (base, front rails and coals) | B-96430 |

**Due to our policy of continual improvement and development the exact accuracy of descriptions and illustrations cannot be guarantee**

Part no. B-64380
Issue 3

FLAVEL

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